

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	15	365/149,145,185.01,185.24,185,25,185.26,185.33.ccls. and (non-volatile or non\$volatile or nonvolatile or flash) and DRAM and (power with stor\$3 with (back\$3 near2 up))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/07 10:58
S1	9	"365"/\$.ccls. and (non-volatile or non\$volatile or nonvolatile or flash) same DRAM same power-on same power-off	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/06 08:18
S2	20	(non-volatile or non\$volatile or nonvolatile or flash) and DRAM and (power-on with perform\$3) and (power-off with stor\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/06 13:41
S3	2	("5960085"   "6119228").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/01/27 14:27
S4	11	(non-volatile or non\$volatile or nonvolatile or flash) same DRAM same power-on same power-off	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/27 14:29
S5	15705	(non-volatile or non\$volatile or nonvolatile or flash) same DRAM	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/27 14:30
S6	2009	(non-volatile or non\$volatile or nonvolatile or flash) same (DRAM with cell\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/27 14:30
S7	979	S6 and (cell with capacitor)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/27 14:30
S8	232	S7 and (transistor with (float\$3 with gate))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/27 14:31

## EAST Search History

S9	2	S8 and ((power-on or (power adj on)) with perform\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/27 14:40
S10	20	S8 and (power-on or (power adj on))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/27 14:41
S11	2	"4,055837".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/28 08:44
S12	2	"4,175291".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/28 08:45
S13	2	"3,916390".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/28 08:45
S14	2	"4,471471".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/28 08:46
S15	2	"5,331188".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/28 08:48
S17	11	NVDRAM and control\$\$ and insulat\$3 and float\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/08 18:37
S18	1	("5825064").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/01/28 08:53
S19	13609	(power-on or power\$on or (normal\$7 with mode)) and (power-off or power\$off or (program with mode))	US-PGPUB; USPAT; USOCR	OR	OFF	2005/10/14 05:34

## EAST Search History

S35	4	(NVDRAM or ((non-volatile or non\$volatile) with DRAM)) and (power-on or (power adj on)) and (stor\$3 with float\$3) and (adjust\$3 with threshold)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/02/02 10:46
S36	17	("4040015"   "4279069"   "5237530"   "5339279"   "5694357"   "5828599"   "5872994"   "5937424"   "5995409"   "5999446"   "6026016"   "6131139"   "6141256"   "6181603"   "6198663"   "6201733"   "6229737").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/01/31 08:23
S37	16	("4890259"   "5220531"   "5241494"   "5388064"   "5623436"   "5629890"   "5638320"   "5680341"   "5687115"   "5694356"   "5745409"   "5748533"   "5748534"   "5801980"   "5818757"   "5828592").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/01/31 08:25
S38	29	(NVDRAM or ((non-volatile or non\$volatile) with DRAM)) and (power-on or (power adj on)) and (stor\$3 with float\$3) and (charg\$ with capacitor\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/31 08:31
S39	9	("5029128"   "5303182"   "5307304"   "5345415"   "5373463"   "5383150"   "5517445"   "5592646"   "5956655").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/01/31 08:45
S40	5	("3691535"   "4873664"   "5010518"   "5237533"   "5262986").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/01/31 08:50

## EAST Search History

S41	45	("4271488"   "4742549"   "4952821"   "5008799"   "5036229"   "5059815"   "5103191"   "5220531"   "5241494"   "5301097"   "5363333"   "5388064"   "5483486"   "5493249"   "5602794"   "5623436"   "5629646"   "5629890"   "5638320"   "5680341"   "5687115"   "5689201"   "5694356"   "5699312"   "5732039"   "5745409"   "5748533"   "5748534"   "5767735"   "5781473"   "5790469"   "5796293"   "5801980"   "5801987"   "5818757"   "5828592"   "5828596"   "5864247"   "5977803"   "5999040"   "6031399"   "6184726"   "6185119"   "6208542"   "6370075").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/01/31 08:58
S42	1	"5,455,786".pn.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/01/31 12:11
S43	1	"5,703804".pn.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/01/31 12:12
S44	1	(NVDRAM or ((non-volatile or non\$volatile) with DRAM)) and (power-on or (power adj on)) and (stor\$3 with float\$3) and (float\$3 with nitride)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/02/02 10:49
S45	1	(non-volatile or non\$volatile or nonvolatile or flash) and DRAM and (power-on with perform\$3) and (power-off with stor\$3) and (float\$3 near5 nitride)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/02/02 10:57
S46	1	(non-volatile or non\$volatile or nonvolatile or flash) and DRAM and (power-on with perform\$3) and (power-off with stor\$3) and (float\$3 same nitride)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/02/02 11:02
S47	15	"4,446536"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/02/02 10:59

## EAST Search History

S48	2	"4,446536".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/02/02 10:59
S49	610	(non-volatile or non\$volatile or nonvolatile or flash) and DRAM and (float\$3 same nitride) and stor\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/02/02 11:04
S50	138	(non-volatile or non\$volatile or nonvolatile or flash) and DRAM and (control\$4 with metal) and (float\$3 same nitride) and stor\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/02/02 11:05
S51	72	(non-volatile or non\$volatile or nonvolatile or flash) and DRAM and (control\$4 with metal) and (float\$3 with nitride) and stor\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/02/02 11:16
S52	1	(non-volatile or non\$volatile or nonvolatile or flash) and DRAM and (control\$4 with metal) same (float\$3 with nitride) same stor\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/02/02 11:10
S53	33	(non-volatile or non\$volatile or nonvolatile or flash) and DRAM and (control\$4 with metal) and (float\$3 with nitride) and stor\$3 and (ONO or (oxide-nitride-oxide))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/02/02 11:19
S54	28	(non-volatile or non\$volatile or nonvolatile or flash) and DRAM and capacit\$5 and transistor\$1 and (control\$4 with metal) and (float\$3 with nitride) and stor\$3 and (ONO or (oxide-nitride-oxide))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/02/02 11:51
S55	3	365/149,145,185.01,185.24,185, 25,185.26,185.33.ccls. and (non-volatile or non\$volatile or nonvolatile or flash) and DRAM and capacit\$5 and transistor\$1 and (control\$4 with metal) and (float\$3 with nitride) and stor\$3 and (ONO or (oxide-nitride-oxide))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/02/02 12:09

## EAST Search History

S56	9	"365"/\$.ccls. and (non-volatile or non\$volatile or nonvolatile or flash) and DRAM and capacit\$5 and transistor\$1 and (control\$4 with metal) and (float\$3 with nitride) and stor\$3 and (ONO or (oxide-nitride-oxide))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/02/02 12:10
S57	4	("5100818"   "6064592"   "6151248"   "6317349").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/02/02 12:12
S58	4	("5060194"   "5350938"   "5483483"   "5659505").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/02/02 12:14
S59	6	NVDRAM and (memory adj2 cell\$1) same capacitor same (transistor with float\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/08 18:43
S60	23	NVDRAM and (memory adj2 cell\$1) same capacitor same transistor	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/08 18:39
S61	22	NVDRAM and ((memory adj2 cell\$1) with capacitor\$1 with transistor\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/08 18:44
S62	4	("5399890"   "5436477"   "5903492"   "5976929").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/06/08 18:45
S63	6	("5029128"   "5307304"   "5373463"   "5383150"   "5517445"   "5592646").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/06/08 18:49
S64	1637	(nvdrum or DRAM) and MOS same capacitor same voltage	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/11 08:45
S65	840	"365"/\$.ccls. and (nvdrum or DRAM) and MOS same capacitor same voltage	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/11 07:23
S66	175	"365"/\$.ccls. and (nvdrum or DRAM) and ((memory adj3 cell) with matrix) and MOS same capacitor same voltage	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/11 08:38

## EAST Search History

S67	16	"365"/\$.ccls. and (nvdrum or DRAM) and ((memory adj3 cell) with matrix) and (float\$3 with transistor) same capacitor same voltage	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/11 08:38
S68	3	("5627392"   "5640345"   "5814850").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/06/11 07:43
S69	1	"6,141248".pn.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/06/11 08:59
S70	46	365/149,145,185.01,185.24,185,25,185.26,185.33.ccls. and (nvdrum or DRAM) and ((memory adj3 cell) with matrix) and MOS same capacitor same voltage	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/11 08:38
S71	11	365/149,145,185.01,185.24,185,25,185.26,185.33.ccls. and (nvdrum or DRAM) and ((memory adj3 cell) with matrix) and (float\$3 with transistor) same capacitor same voltage	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/11 08:49
S72	3	("5627392"   "5640345"   "5814850").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/06/11 08:40
S73	243	365/149,145,185.01,185.24,185,25,185.26,185.33.ccls. and (nvdrum or DRAM) and MOS same capacitor same voltage	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/14 07:35

## EAST Search History

S74	64	("20010028078"   "20010030338"   "20010032997"   "20010053096"   "20020098639"   "20020126536"   "20030001191"   "20030155604"   "20030205754"   "4826780"   "4970689"   "4999811"   "5017504"   "5021355"   "5042011"   "5066607"   "5122986"   "5220530"   "5280205"   "5308783"   "5378914"   "5381302"   "5385853"   "5414288"   "5448513"   "5478772"   "5506166"   "5519236"   "5574299"   "5627785"   "5707885"   "5719409"   "5732014"   "5854500"   "5897351"   "5909618"   "5936274"   "5959327"   "5973356"   "5991225"   "6030847"   "6031263"   "6072209"   "6097065"   "6104061"   "6124729"   "6143636"   "6150687"   "6153468"   "6191448"   "6238976"   "6246083"   "6249020"   "6249460"   "6307775"   "6350635"   "6384448"   "6399979"   "6456535"   "6492233"   "6501116"   "6504201"   "6531730"   "6680864").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/06/11 08:43
S75	169	(nvdrum or DRAM) and (float\$3 with transistor) same capacitor same voltage	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/14 07:50
S76	12	365/149,145,185.01,185.24,185. 25,185.26,185.33.ccls. and (nvdrum or DRAM) and ((memory adj3 cell) with matrix) and (float\$3 with transistor) same capacitor same voltage	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/11 08:48
S77	11	365/149,145,185.01,185.24,185. 25,185.26,185.33,185.08.ccls. and (nvdrum or DRAM) and ((memory adj3 cell) with matrix) and (float\$3 with transistor) same capacitor same voltage	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/11 08:53



## EAST Search History

S79	56	365/149,145,185.01,185.24,185.25,185.26,185.33,185.08.ccls. and (nvdrum or DRAM) and (float\$3 with transistor) same capacitor same voltage	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/11 08:50
S80	35	("3387286"   "4051354"   "4313106"   "4471240"   "5105388"   "5327380"   "5406524"   "5455791"   "5464785"   "5555206"   "5559449"   "5579259"   "5608670"   "5646428"   "5671178"   "5706227"   "5740104"   "5754477"   "5790455"   "5801401"   "5811865"   "5852306"   "5936274"   "5959896"   "5973356"   "5991225"   "6049477"   "6100559"   "6124729"   "6137725"   "6222224"   "6246089"   "6249460"   "6351428").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/06/11 08:50
S81	1	"5418739".PN.	USPAT; USOCR	OR	OFF	2005/06/11 08:52
S82	1	"6,009,011".pn.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/06/11 09:00
S83	6	("4803664"   "5675160"   "5712817"   "5936881"   "6016268"   "6121079").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/06/11 10:14
S87	1	DRAM and (power-on with control\$4 with threshold) and (power-off with stor\$3)	US-PGPUB; USPAT; USOCR	OR	OFF	2005/10/14 05:54
S88	5	("4435786"   "5051948"   "5051951"   "5319593"   "5463586").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/10/14 05:48
S89	51	DRAM and (power-on with control\$4) and (power-off with stor\$3)	US-PGPUB; USPAT; USOCR	OR	OFF	2005/10/14 06:16
S90	1	DRAM and (power-on with control\$4 with threshold) and (power-off with stor\$3)	US-PGPUB; USPAT; USOCR	OR	OFF	2005/10/14 06:16
S91	4	DRAM and (power-on same control\$4 same threshold) and (power-off same stor\$3)	US-PGPUB; USPAT; USOCR	OR	OFF	2005/10/14 06:16

## EAST Search History

S92	63	365/149,145,185.01,185.24,185,25,185.26,185.33,185.08.ccls. and (nvdrum or DRAM) and (float\$3 with transistor) same capacitor same voltage	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/14 07:33
S93	39	(nvdrum or DRAM) and MOS same capacitor same power-on same voltage	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/14 07:36
S94	91	"365"/\$.ccls. and (nvdrum or DRAM) and (float\$3 with transistor) same capacitor same voltage	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/14 07:51
S95	8	DRAM and (power-on with control\$4 with threshold)	US-PGPUB; USPAT; USOCR	OR	OFF	2005/11/14 08:00
S96	6	("4803664"   "5675160"   "5712817"   "5936881"   "6016268"   "6121079").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/14 08:01
S97	3	("5627392"   "5640345"   "5814850").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/14 08:59
S98	662	threshold with (back\$3 near up)	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/14 09:01
S99	4	S94 and S98	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/14 09:01
S10 4	1	(non-volatile or flash) and DRAM and (power with control\$4 with threshold) and (power with capacitor with float\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/06 08:28
S10 7	4	(non-volatile or flash) and DRAM and (power with (on or off)) and (control\$4 with threshold) and (capacitor with float\$3) and mov\$3 and (back\$3 near2 up)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/06 08:30
S10 8	83	(Ahn with Jin-hong) (hong with sang-hoon) (Park with Young-June) (Lee with sang-don) (Kim with Yil-wook) (Bae with Gi-hyun)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/06 08:45

## EAST Search History

S10 9	22	S108 and "365"/\$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/06 08:45
S11 0	4	("4545035"   "5043946"   "5251171"   "6009011").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/06 08:51
S11 1	4	("4545035"   "5043946"   "5251171"   "6009011").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/06 11:20
S11 2	6	("5426603"   "5491435"   "5528552"   "5768201"   "5859548"   "5877993").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/06 11:21
S11 3	27726	(non-volatile or non\$volatile or nonvolatile or flash) and DRAM and ((power-on with stor\$3 with (back\$3 near2 up)perform\$3))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/06 13:48
S11 4	1	(non-volatile or non\$volatile or nonvolatile or flash) and DRAM and (power-on with stor\$3 with (back\$3 near2 up))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/06 13:48
S11 5	27756	(non-volatile or non\$volatile or nonvolatile or flash) and DRAM and ((power with stor\$3 with (back\$3 near2 up)perform\$3))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/06 13:48
S11 6	206	(non-volatile or non\$volatile or nonvolatile or flash) and DRAM and (power with stor\$3 with (back\$3 near2 up))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/07 10:55